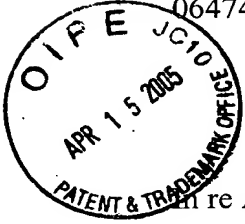


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PATENT APPLICATION
09/917,388 *fw*

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Paul M. Ingram, Jr., et al.
Appln. Serial No.: 09/917,388
Filing Date: July 26, 2001
For: Sensitivity of Iterative Spectrally Smooth
Temperature/Emissivity Separation to Instrument Noise

Mail Stop

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail No.: EV323316205US
Date Filed: April 15, 2005
I hereby certify that this communication is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and is addressed to the Commissioner For Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

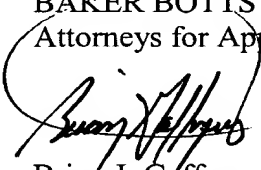
Willie Jiles
Willie Jiles

TRANSMITTAL OF FORMAL DRAWINGS

Transmitted herewith for filing in the above-identified patent application are eight (8) sheets of formal drawings. These replacement sheets are replacing all eight replacement sheets that were previously filed on July 28, 2003, because some of the figure numbers and all of the crop marks were cut off at the bottom during printing.

Acceptance and entry of these drawings is respectfully requested.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicants


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Date: April 15, 2005